CMP304 Artificial Intelligence Unit 2 Report

**[insert your name and student number]**

**Instructions:**

* This template is provided to help you structure your report. It is optional to use.
* Please read the assessment brief document before attempting the project or the report.
* Please read the report writing guide before attempting the report.
* The [bracketed text] is meant as guidelines. You are to replace it with your own.
* You may add subsections as you see fit.
* **Delete** this instruction’s part and any [bracketed text] before submission.
* After you complete this report, **save it as .pdf,** and submit it along with the code.
* Please remember to cite and reference any data or resources used in the project/report if taken from sources other than yourself. This includes illustrative images in the report.
* Please remember to caption and number any figures for ease of reference.
* **Keep in mind that the report is meant to evidence your critical analysis of the project, so make the effort to show your understanding, back up your justifications, and present a proper analysis.**

# **Introduction and Background**

[Relevant overview properly setting the context of the project. Justify the suitability of your selected application. You may also include any conditions or assumptions you based your solution on.]

# **Data Specification**

[You need to think critically about what type/amount of data is suitable for the problem you are addressing. Introduce the selected dataset used in the experiments with proper citation of its source. You must also justify your choice and provide the specification of the dataset including a couple of samples. Describe the structure of the train/test split.]

# **Methodology**

[Description of the steps followed and methods used including a complete explanation and rationale for the solution design, chosen techniques, settings, hyperparameters, and selected features (if any).]

# **Results and Conclusions**

[Comment on the performance of your application, including test cases. Tests have to be relevant, proper to the nature of the application, and non-biased. Tabulate and discuss your results. A quantitative measure of performance must be presented.]

[Full analysis and summary of the project. This should be your evaluation of the project, highlighting the main aspects of the process, analysing the results, with an attempt at justifying performance. Outline what future work you might do.]

# **References**

[A number of references cited properly in Cite Them Right Harvard style. Refer to Abertay’s referencing [guide](https://intranet.abertay.ac.uk/docurl/38554) on how to cite different material.]